DALI FAZON® SAT
MANUAL

IN ADMIRATION OF MUSIC

TABLE 1

	FAZON SAT
Speaker / Lautsprecher / Højttaler	1 pc
Table stand / Tischständer / Bordstander	1 pc
Grille / Abdeckung / Frontgrill	1 pc
Twist 'n' Tilt wall bracket / Twist 'n' Tilt-Wandhalterung / Twist 'n' Tilt vægbeslag	1 pc
2 mm Allen key / 2 mm Inbusschlüssel / 2 mm unbrakonøgle	1 pc
2.5 mm Allen key / 2.5 mm Inbusschlüssel / 2.5 mm umbrakonøgle	1 ps
3 mm Allen key / 3 mm Inbusschlüssel / 3 mm unbrakonøgle	1 pc
M4 DALI screws for mounting table stand / M4 DALI Schrauben zum Anbringen des Tischständers / M4 DALI skruer til montering af bordstander	2 pcs
Mounting template / Montageschablone / Monteringsskabelon	1 pc
User manual / Benutzerhandbuch / Brugermanual	1 pc
DALI logo badge / DALI logoplaketten / DALI logo badge	1 pc

FIGURE 1

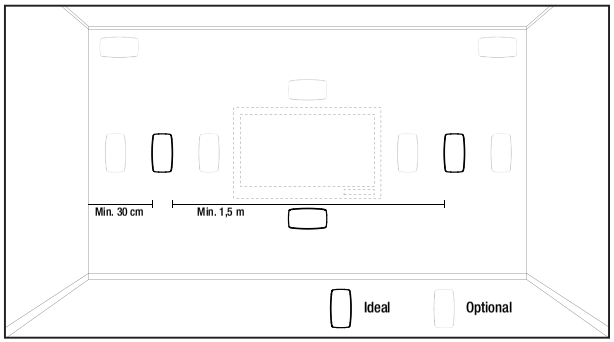
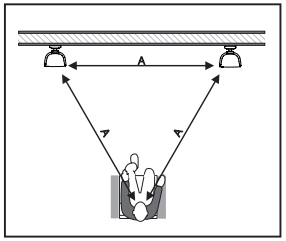


FIGURE 2



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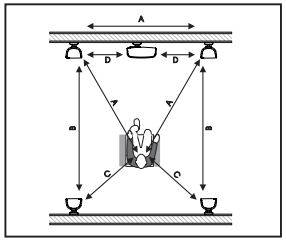

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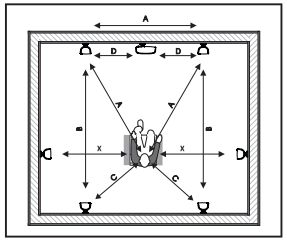

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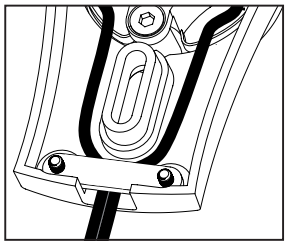

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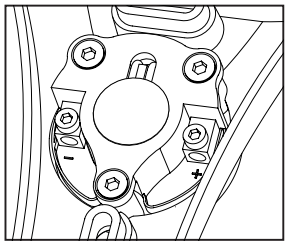

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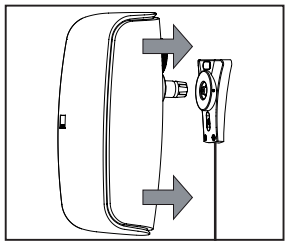

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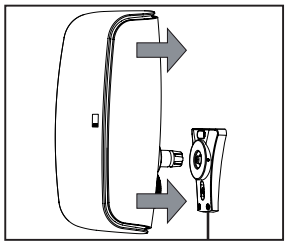

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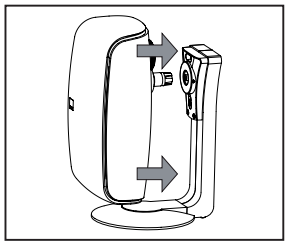

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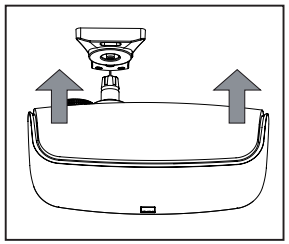

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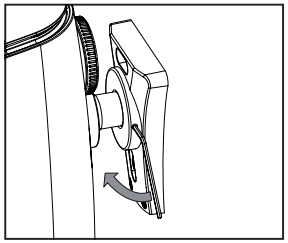

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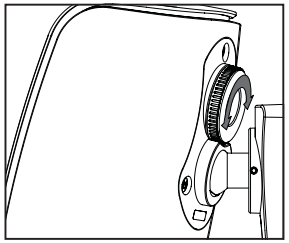

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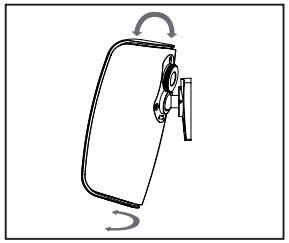

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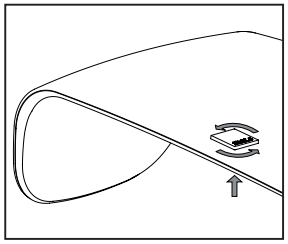
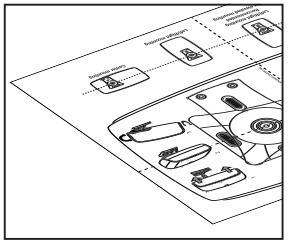


FIGURE 15



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⚠ CAUTION ⚠

RISK OF ELECTRIC SHOCK DO NOT OPEN.
TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE THE BACK PANEL.
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED PERSONNEL.

The lightning flash within an equilateral triangle is intended to alert you to the presence of non insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute an electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

1 Read instructions - all the safety and operating instructions should be read before the appliance is operated.

2 Retain instructions - the safety and operating instructions should be retained for future reference.

3 Heed warnings - all warnings on the appliance and in the operating instructions should be adhered to.

4 Follow instructions - all operating and use instructions should be followed.

5 Water and moisture - the appliance should not be used near water - for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool and the like.

6 Carts and stands - the appliance should be used only with a cart or stand if recommended by the manufacturer.

7 Wall or ceiling mounting - the appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.

8 Ventilation - the appliance should be situated so that its location or position does not interfere with proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or placed in a built-in installation, such as a bookcase or cabinet, that may impede the flow of air through the ventilation openings.

9 Heat - the appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances that produce heat.

10 Power sources - the appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

11 Power cord protection - power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed on or against them, paying particular attention to cords at plugs, convenience receptacles and the point where they exit from appliance.

12 Cleaning - do not use any liquid cleaners. Use only a dry cloth to wipe off dust and grease.

13 Non-use periods - the power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

14 Object and liquid entry - care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

15 Damage requiring service - the appliance should be serviced by qualified personnel when:

a) The power-supply cord or the plug has been damaged; or
b) Objects have fallen, or liquid has been spilled into the appliance; or
c) The appliance has been exposed to rain; or
d) The appliance does not appear to operate normally, or exhibits a marked change in performance; or
e) The appliance has been dropped, or the enclosure damaged.

16 Servicing - the user should not attempt to service the appliance beyond that described in the opera ting instructions. All other servicing should be referred to qualified service personnel.

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1.0 INTRODUCTION

Congratulations with your new DALI FAZON SAT loudspeaker. It is important to us that your new loudspeaker is set-up and connected optimally. We strongly recommend that you read this manual and follow its instructions before unpacking and installing the speaker. This manual contains instructions for set-up and connection, as well as tips and advice on how to get the most out of your FAZON SAT loudspeaker.
DALI is acclaimed around the world for unique loudspeakers developed to meet our uncompromising standards for design and performance. The goal for every single DALI loudspeaker is to create a listening experience in your home that will make you forget time and place.

Remember to sign up for the DALI newsletter at www.dali-speakers.com.

Enjoy.

2.0 UNPACKING

Be careful not to damage the contents when you unpack the parts. Check that all parts are contained in the cardboard box (see Table 1). Keep the packaging materials should your speaker need to be relocated or serviced.

Note:
Take care not to scratch the high-gloss finish of the DALI FAZON SAT enclosure.

3.0 POSITIONING

Before setting up and connecting your new FAZON SAT loudspeakers, you should find the best possible placement relative to your listening position. It is a good idea to follow these simple guidelines.
Ideally, the FAZON SAT speakers should be placed at the corners of an equilateral triangle with the (left and right stereo) speakers at a minimum of 1.5 metres (60”) apart to achieve good stereo separation. Avoid placing objects between the loudspeakers and the listening position as obstacles can have a detrimental effect on tonal balance. Placing your new FAZON SAT depends on the particular kind of set-up you have in mind:

Figure 1 illustrates the optimal LCR set-up
Figure 2 illustrates the optimal Stereo set-up
Figure 3 illustrates the optimal 5.1 Surround set-up
Figure 4 illustrates the optimal 7.1 Surround set-up

4.0 CONNECTION

Before connecting or disconnecting any cables, always turn off the amplifier to avoid electrical shock or damage to your equipment.
Channel the speaker cable through the groove in the Twist ‘n’ Tilt bracket and be aware to place the cable under the strain relief (see figure 5). Use the 2.5 mm Allen key to mount the cables in the bracket. Ensure the positive terminal on the bracket (marked ‘+’) is connected to the positive output terminal of the amplifier and negative (marked ‘–’) to the negative (see figure 6). Incorrect connection will result in poor stereo imaging and loss of low-frequency output. Always make sure the terminals are screwed down tight. Always use cables of the same type and length for left and right channels. We recommend using the White Wave cables from DALI, available from your dealer.

Note:
If you are using FAZON SAT in a surround system, follow the instructions included with your surround amplifier, as even a single loudspeaker connected out-of-phase will make the bass weaker and the soundstage unfocused.

Note:
Make sure that the bare conductors are tightly gripped by the terminals with no loose wires that could cause a short circuit and damage the amplifier.

5.0 MOUNTING

By using the supplied Twist ‘n’ Tilt bracket, the FAZON SAT can be mounted both horizontally and vertically on either the wall or on the enclosed table stand.

5.1 Wall mounting

Mount the bracket on the wall. Connect the loudspeaker in the wished position (see figures 7, 8 and 10) to the bracket by using the 2 mm Allen key (see figure 11). Adjust the speaker to your preferred position by using the Twist ‘n’ Tilt function (see figure 13) before tightening the speaker by turning the button on the back of the speaker (see figure 12).

5.2 Table stand mounting

Mount the bracket to the table stand (see figure 9). Connect the loudspeaker to the bracket by using the 2 mm Allen key (see figure 11). Adjust the speaker to your preferred position by using the Twist ‘n’ Tilt function (see figure 13) before tightening the speaker by turning the button on the back of the speaker (see figure 12).

5.3 Template

Please refer to the enclosed mounting template for placing the Twist 'n' Tilt bracket correct on the wall (see figure 15). Carefully mark the two screw positions on the mounting surface. To ensure an aesthetically pleasing result, we recommend that you use a spirit level to ensure that the Twist 'n' Tilt bracket is mounted absolutely level. After the speaker cables have been properly attached, screw in the two screws in the pre-drilled holes and tighten them – use raw plugs if necessary. Carefully mount the speaker onto the Twist 'n' Tilt bracket following the above wall mounting instructions. As the screw holes in the bracket are oblong, we recommend using a spirit level to ensure that the bracket is placed in level, before tightening the screws.

Note:
The DALI logo on the front grille can be turned sideways according to the orientation of your FAZON SAT. Simply press the spring-loaded DALI logo out, turn it in the direction you want and let it spring back in place (see figure 14).

6.0 RUNNING-IN

Like any mechanical system (e.g. a new car), a loudspeaker requires a "running-in" period to perform at its best. You will experience a gradual increase in sound quality during the first period of use. The break-in period will vary depending on use and playback volume (approximately 50 hours at medium volume is recommended). Unlike other mechanical systems, the life-span of a loudspeaker is increased by normal, regular playback of music.

Note:
NEVER place the DALI FAZON SAT with the front facing down without the grille, as this will cause deformation of the silk dome tweeter, which may damage its performance.

7.0 CLEANING & MAINTENANCE

Clean the high-gloss lacquer with a soft, dry micro-fibre cloth. If the rubber-painted front baffle is dirty, wipe with a soft, damp micro-fibre cloth. Be careful not to damage the 4.5" midrange driver when wiping them, as they are very fragile. It is very important that you avoid wiping the dome tweeter. When removed from the speaker baffle, the grille can be softly vacuumed and wiped with a well-wrung, lint-free cloth using a mild all-purpose cleaner.

7.1 Avoid direct sunlight

The surfaces of the FAZON SAT are sensitive to sunlight, which might cause colour fading over time. To reduce colour fading, we recommend that you avoid exposing the loudspeaker to direct sunlight.

8.0 DISPOSAL

If you want to dispose of this product, do not mix it with general household waste. There is a separate collection system for used electronic products in accordance with legislation that requires proper treatment, recovery and recycling. Private households in the EU member states, Switzerland, Liechtenstein and Norway may return their used electronic products free of charge to designated collection facilities or to a retailer (if you purchase a similar new one). If you reside in countries not mentioned above, please contact your local authorities for the correct method of disposal.
By following this process, you will ensure that your disposed product undergoes the necessary treatment, recovery and recycling and thus prevent potential negative effects on the environment and human health.

9.0 POWER AND ACOUSTIC PRESSURE

How loud a speaker is able to play and still sound good is totally dependent on the signal it has to reproduce. This also means that you cannot define an unequivocal playback level when comparing different speakers. An abundance of pure, undistorted output from a large amplifier is better than a distorted signal from a small amplifier stretched beyond its capacity. The signal from a distorting (clipping) amplifier puts a heavy strain on the high-frequency driver. Consequently, speakers are most often damaged by small amplifiers forced to work too hard, and very rarely by large amplifiers, which are practically running idle.
In addition, we recommend that the tone controls generally be set to the neutral position and that you achieve your desired sound image through correct positioning of the speakers. Ensuring that you keep the volume low enough to keep the sound clear and undistorted will minimize the strain on both speakers and amplifier.

Note:
We recommend that you use a high quality amplifier or surround receiver with FAZON SAT, as the quality of the reproduced sound will benefit from it. FAZON SAT is generally designed to work well with the amplifier that is integrated into many television sets, but in most cases, sound quality will benefit from using a good, external amplifier.

10.0 TECHNICAL SPECIFICATIONS

In Table 2 you will find the most common specifications for our speakers. Please have in mind that there are countless methods for measuring speakers. However, none of them tell you anything useful about how a speaker really sounds. Only your ears can decide whether one speaker sounds better than another. Like all our speakers, DALI FAZON SAT is designed to reproduce music as honestly as possible.

Enjoy your new DALI FAZON SAT!

TABLE 2 - FAZON SAT TECHNICAL SPECIFICATIONS

	FAZON SAT
Frequency Range +/-3dB [Hz]	86 - 25,000
Sensitivity (2.83V/1m)[dB]	86
Nominal Impedance [ohm]	6
Maximum SPL [dB]	104
Crossover Frequency [Hz]	1,800
Enclosure Type	Closed Box
Recommended Amplifier Power [Watt]	20 – 120
High Frequency Driver [mm]	1 x 28 soft dome
Low Frequency Driver [inches]	1 x 4½
Terminals	Integrated in Twist 'n' Tilt bracket
Dimensions (H x W x D) [inch] (Wall mounted)	10.2 x 5.5 x 5.5
Dimensions (H x W x D) [cm] (Wall mounted)	26.0 x 14.0 x 14.0
Dimensions (H x W x D) [inch] (Stand mounted)	11.4 x 5.8 x 6.8
Dimensions (H x W x D) [cm] (Stand mounted)	29.0 x 14.6 x 17.2
Weight [kg/lbs]	2.35/5.18
Finish	Black or White High Gloss Lacquer
Accessories	Table Stand, Bracket, 2 mm Allen key, 2.5 mm Allen key, 3 mm Allen key, Mounting template, Manual

All technical specifications are subject to change without notice.